

In the claims:

1. (Currently Amended) A push-push latch attached to a storage compartment having a door that moves between an opened position and a closed position, said push-push latch comprising:

a track member defining a generally heart shaped track having a generally V-shaped notch;

a guide member that moves within said track to facilitate positioning said compartment door in the closed position when said guide member rests in the V-shaped notch;

wherein said track member is molded from a polymer and includes an integrated retaining section adjacent said V-shaped notch and an opening a channel connecting said V-shaped notch ~~heart shaped track~~ and said retaining section, wherein said opening has a width dimension less than the width dimension of said guide member; and

wherein when the compartment door is in the closed position and the guide member is positioned in the V-shaped notch and when subjected to a force greater than a predetermined value said guide member is forced ~~through~~ said channel directly from said V-shaped notch through said opening and locked into said retaining section locking said compartment door in the closed position.

2. (Currently Amended) The push-push latch of claim 1, wherein ~~said channel walls~~ walls of said opening flex out when the said guide member is subjected to a force greater than a predetermined force value allowing said guide member ~~through~~ to said retaining section.

3. (Original) The push-push latch of claim 1 further comprising a connector attached to the compartment door.

4. (Canceled)

U.S.S.N. 10/711,525

9

04877 (LC 0169 PUS)

5. (Canceled)

6. (Original) The push-push latch of claim 1, wherein said heart shaped track further includes a pathway A, a pathway B, a first corner, a pathway C, a pathway D, a second corner, and a pathway E, wherein said pathway A is adjacent said pathway B and said pathway E, said pathway B is adjacent said first corner, said first corner is adjacent said pathway C, said pathway C is adjacent said V-shaped notch, said V-shaped notch is adjacent said pathway D, said pathway D is adjacent said second corner, and said second corner is adjacent pathway E.

7. (Original) The push-push latch of claim 6 wherein when the compartment door is in the opened position, said guide member is positioned in said pathway A.

8. (Original) The push-push latch of claim 6 wherein when the compartment door is moving from the opened position into the closed position, said guide member travels from said pathway A into and along the length of said pathway B, around said first corner, into and along the length of said pathway C, and coming to a rest in said V-shaped notch.

9. (Original) The push-push latch of claim 6 wherein when the compartment door is moving from the closed position into the opened position, said guide member travels from said V-shaped notch, into and along the length of said pathway D, around said second corner, into and along the length of said pathway E, and into said pathway A.

10. (Currently Amended) The push-push latch of claim 6 wherein when the compartment door is in the closed position and subjected to a force

U.S.S.N. 10/711,525

10

04877 (LC 0169 PUS)

greater than a predetermined value, said guide member moves from said V-shaped notch into said opening channel and comes to a rest in said retaining section.

11. (Original) The push-push latch of claim 1, wherein said V-shaped notch includes a wall that assists in retaining said guide member in the closed position.

12. (Original) The push-push latch of claim 1, wherein said track member defines an axis and said guide member moves radially with respect to the axis to travel within said heart-shaped track.

13. (Original) The push-push latch of claim 1, wherein said storage compartment is in an automobile.

14. (Original) The push-push latch of claim 1, wherein said heart shaped track further includes a first pathway, a second pathway, a first corner, a third pathway, a fourth pathway, a second corner, and a fifth pathway, wherein said first pathway is adjacent said second pathway and said fifth pathway, said second pathway is adjacent said first corner, said first corner is adjacent said third pathway, said third pathway is adjacent said V-shaped notch, said V-shaped notch is adjacent said fourth pathway, said fourth pathway is adjacent said second corner, and said second corner is adjacent said fifth pathway.

15. (Currently Amended) A storage compartment comprising:
a compartment body;
a compartment door that is attached to said compartment body and moves between a closed position and an opened position;
a push-push latch that is attached to said compartment body and engages said compartment door, said push-push latch having a track member defining a

U.S.S.N. 10/711,525

11

04877 (LC 0169 PUS)

generally heart shaped track having a generally V-shaped notch, a guide member that moves within said track to facilitate positioning said compartment door in the closed position when said guide member rests in the V-shaped notch, wherein said track member is molded from a polymer and includes an integrated retaining section adjacent said V-shaped notch and an opening a channel connecting said V-shaped notch ~~heart-shaped track~~ and said retaining section, said opening has a width dimension that is less than a width dimension of said heart shaped track; and

wherein when the compartment door is in the closed position and the guide member is positioned in the V-shaped notch and when subjected to a force greater than a predetermined value said guide member is forced directly from said V-shaped notch through said opening channel and locked into said retaining section.

16. (Currently Amended) The storage compartment of claim 15 wherein said opening channel walls flex out when the guide member is subjected to a force greater than a predetermined force value allowing said guide member through to said retaining section.

17. (Original) The storage compartment of claim 15 wherein said track member defines an axis and said guide member moves radially with respect to the axis to travel within said heart-shaped track.

18. (Original) The storage compartment of claim 15 wherein said heart shaped track further includes a first pathway, a second pathway, a first corner, a third pathway, a fourth pathway, a second corner, and a fifth pathway, wherein said first pathway is adjacent said second pathway and said fifth pathway, said second pathway is adjacent said first corner, said first corner is adjacent said third pathway, said third pathway is adjacent said V-shaped notch, said V-shaped notch is adjacent said fourth pathway, said fourth pathway is

U.S.S.N. 10/711,525

12

04877 (LC 0169 PUS)

adjacent said second corner, and said second corner is adjacent said fifth pathway.

19. (Original) A method of locking a compartment door in a closed position when subjected to an excessive force, wherein the compartment door moves between an opened and a closed position via a push-push latch made from a polymer and having a track member and a guide member, comprising the steps of:

- A.) subjecting the door of the compartment to an excessive force;
- B.) causing a guide member through a channel in a track member wherein the channel walls flex out allowing the guide member through; and
- C.) retaining the guide member in an integrated retaining section when the channel walls flex in.

20. (Original) The method of claim 19 further comprising manually removing the guide member from the retaining section.

21. (New) The push-push latch of claim 3 wherein said track member includes a clamp member having a first end and a second end, said first end includes a protrusion and said second end is pivotally attached to said track member.

22. (New) The push-push latch of claim 21 wherein said connector includes a first end and a second end; said first end is attached to the compartment door and said second end includes a protrusion that matingly engages with said clamp member protrusion to secure the compartment door in the closed position.

U.S.S.N. 10/711,525

13

04877 (LC 0169 PUS)

23. (New) The push-push latch of claim 22 wherein the storage compartment includes a recess for receipt of said track member and said track member is spring loaded within the recess.

24. (New) A push-push latch attached to a storage compartment having a door, wherein the push-push latch travels a routine path during normal operation allowing the door to move between an opened position and a closed position and the push-push latch travels a non-routine path when the door is subjected to a force greater than a predetermined force locking the door in a closed position, said push-push latch comprising:

a track member defining a routine path of travel having a generally heart shaped track including a generally V-shaped notch and a non-routine path of travel including an opening connecting said V-shaped notch and a retaining section wherein said opening is narrower than the width of all pathways in the heart shaped track;

a guide member that moves within said heart shaped track during normal operation to facilitate positioning said compartment door in the closed position when said guide member rests in the V-shaped notch and said guide member moves through said opening into said retaining section when subjected to a force greater than a predetermined value.